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03-04-02

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Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new non-provisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. R290.12-0023

First Inventor or Application Identifier Roxane Morrison et al.

Title IMPROVED CHEMICAL SPECIES ANALYZER

Express Mail Label No. EV049898283US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

Address To:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form e.g., PTO/SB17  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Sheets **16**]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to Microfiche Appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets **3**]
4. Oath or Declaration [Total Sheets **3**]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (Identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document
10. ☐ Information Disclosure Statement (IDS/PTO - PTO) ☐ Copies of IDS
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
13. ☐ \*Small Entity Statement(s) filed in prior application. Status still proper and desired (PTO/SB/09-12) ☐ Statement filed in prior application. Status still proper and desired
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☐ Request and Cert. Under 35 USC 122 (Non-Pub)
16. ☒ Other: Our checks in the amounts of \$40.00 and \$740.00

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation -in part (CIP)

of prior application No: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

**FOR CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE**

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name Christopher R. Christenson  
WESTMAN CHAMPLIN & KELLY

Address Suite 1600 - International Centre  
900 South Second Avenue

City Minneapolis

State MN

Zip Code 55402-3319

Country USA

Telephone (612) 334-3222

Fax (612) 334-3312

Name (Print/type) Christopher R. Christenson

Registration No (Attorney/Agent)

42,413

Signature

Date

3/1/02

87700.030102

<b>FEE TRANSMITTAL</b>		<small>Complete if Known</small>																																																																																									
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<p>1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> Westman, Champlin &amp; Kelly, P.A.</p> <p>2. <input checked="" type="checkbox"/> Check Enclosed</p>		<p><b>3. ADDITIONAL FEES</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee</th> <th style="text-align: left;">Small Entity Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr> <th>Code</th> <th>(\$)</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205    65    Surcharge - Late filing fee or oath</td> <td></td> </tr> <tr> <td>127</td> <td>50</td> <td>227    25    Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139    130    Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147    2,520    For Filing a Request for Reexamination. (ex parte)</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215    55    Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>400</td> <td>216    200    Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>920</td> <td>217    460    Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,440</td> <td>218    720    Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,960</td> <td>280    980    Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>120</td> <td>320</td> <td>220    160    Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>280</td> <td>221    140    Request for oral hearing</td> <td></td> </tr> <tr> <td>148</td> <td>110</td> <td>248    55    Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240    55    Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,310</td> <td>241    670    Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,310</td> <td>242    670    Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>143</td> <td>490</td> <td>243    260    Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122    130    Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123    50    Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126    180    Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581    40    Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> </tbody> </table> <p>Other Fee (specify) _____</p>		Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid	Code	(\$)			105	130	205    65    Surcharge - Late filing fee or oath		127	50	227    25    Surcharge - Late provisional Filing Fee or cover sheet		139	130	139    130    Non-English specification		147	2,520	147    2,520    For Filing a Request for Reexamination. (ex parte)		115	110	215    55    Extension for reply within first month		116	400	216    200    Extension for reply within second month		117	920	217    460    Extension for reply within third month		118	1,440	218    720    Extension for reply within fourth month		128	1,960	280    980    Extension for reply within fifth month		120	320	220    160    Filing a brief in support of an appeal		121	280	221    140    Request for oral hearing		148	110	248    55    Terminal Disclaimer Fee		140	110	240    55    Petition to Revive - unavoidable		141	1,310	241    670    Petition to Revive - unintentional		142	1,310	242    670    Utility/Reissue issue fee (inc. advance copies)		143	490	243    260    Design issue fee (inc. advance copies)		122	130	122    130    Petitions to the Commissioner		123	50	123    50    Petitions related to provisional applications		126	180	126    180    Submission of Information Disclosure Statement		581	40	581    40    Recording each patent assignment per property (times number of properties)	
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Signature Christopher R. Christenson

Reg. No. 42,413

Date 3-1-02

Deposit Account No. 23-1123